

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 80-35

NPDES PERMIT NO. CA0027961

WASTE DISCHARGE REQUIREMENTS FOR:

INTERNATIONAL BUISNESS MACHINES CORP.
SAN JOSE
SANTA CLARA COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region (hereinafter called the Board) finds that:

1. International Business Machines Corporation, (hereinafter called the discharger), by application dated March 13, 1980, has applied for renewal of waste discharge requirements and a permit to discharge wastes under the National Pollutant Discharge Elimination System.
2. The discharger is currently discharging an annual average of less than 0.05 mgd of industrial waste containing pollutants into a San Jose city storm drain tributary to Canoas Creek, a water of the United States, at a point at the intersection of Poughkeepsie Road and Cottle Road, in San Jose (Figure A). The waste results from the development and manufacturing of data processing equipment, and includes condensate water from air conditioning cooling coils, reverse osmosis reject water and parking lot runoff.
3. The Board, in April 1975, adopted a Water Quality Control Plan for the San Francisco Bay Basin.
4. The beneficial uses of Canoas Creek and contiguous waters are:
 - a. Recreation
 - b. Fish migration and habitat
 - c. Habitat and resting for waterfowl and migratory birds
 - d. Industrial water supply
 - e. Esthetic enjoyment
5. Effluent limitation and toxic effluent standards established pursuant to Section 208(b), 301, 304, and 307 of the Federal Water Pollution Control Act and amendments thereto are applicable to the discharge.
6. The discharge is presently governed by Waste Discharge Requirements Order No. 75-12 adopted by the Board March 18, 1975.
7. The discharge is a "minor discharge" as defined in Section 2235(e) of Chapter 3, Title 23, of the California Administrative Code.

8. The Board is not required to comply with the provisions of Chapter 3 (commencing with Section 21100) of Division 13 of the Public Resources Code (California Environmental Quality Act) as this is an NPDES permit and is exempt from such provisions per Section 13389 of the Water Code.
9. This Order shall serve as a National Pollutant Discharge Elimination System permit pursuant to Section 402 of the Federal Water Pollution Control Act, or amendments thereto, and shall take effect at the end of ten days from date of hearing provided the Regional Administrator, U. S. Environmental Protection Agency, has no objections.
10. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the discharge and has provided them with an opportunity for a public hearing and an opportunity to submit their written views and recommendations.
11. The Board, in a public meeting, heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED, that International Business Machines Corporation in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder and the provisions of the Federal Water Pollution Control Act, and regulations and guidelines adopted thereunder shall comply with the following:

A. Effluent Limitations

1. The discharge of an effluent containing constituents in excess of the following limits is prohibited:

| <u>Constituent</u> | <u>Units</u> | <u>30-Day Average</u> | <u>Maximum Daily</u> | <u>Instantaneous Maximum</u> |
|---------------------------|--------------|---------------------------|--------------------------|----------------------------------|
| a. Total Suspended Solids | mg/l | 5 | 10 | - |
| b. Chlorine Residual | | - | - | 0.0 |
| c. Total Dissolved Solids | mg/l | - | 800 | - |

2. The discharge shall not have pH of less than 6.5 nor greater than 8.5.
3. The discharge shall not cause a violation of any applicable water quality standard for receiving waters adopted by the Board or the State Water Resources Control Board as required by the Federal Water Pollution Control Act and regulations adopted thereunder. If more stringent applicable water quality standards are promulgated or approved pursuant to Section 303 of the FWPCA, or amendments thereto, the Board may revise and modify this Order in accordance with such more stringent standards.

4. The discharge shall be limited to wastewater of the quantity and type described in finding 2 on page 1 of this Order.

B. Receiving Water Limitations

1. The discharge of waste shall not cause the following conditions to exist in waters of the State at any place:
 - a. Floating, suspended, or deposited macroscopic particulate matter or foam;
 - b. Bottom deposits or aquatic growths;
 - c. Alteration of temperature, turbidity, or apparent color beyond present natural background levels;
 - d. Visible, floating, suspended or deposited oil or other products of petroleum origin;
 - e. Toxic or other deleterious substances to be present in concentrations or quantities which will cause deleterious effects on aquatic biota, wildlife or waterfowl, or which render any of these unfit for human consumption either at levels created in the receiving waters or as a result of biological concentration.

C. Provisions

1. The discharger shall comply with all effluent and receiving water limitations and provisions of this Order immediately upon adoption.
2. In order to assess the potential effects of this discharge on water quality and to determine compliance the discharger shall submit semi-annually technical reports to this Board by the last of the month following the end of the second and fourth calendar quarters. Grab samples shall be taken during dry weather as indicated below and analyses completed for the following constituents:
 - a. Total suspended solids - measured in mg/l and including a 30-day average, one sample per week.
 - b. Chlorine residual - measured in mg/l, one sample per shift each day.
 - c. Total dissolved solids - measured in mg/l and including a 30-day average, one sample per week.
3. This order includes the attached "Standard Provisions for Minor Discharges" dated October 15, 1975.

4. Discharger shall file with the Board a report of waste discharge at least 120 days before making any material change in the character (such as change in the nature or quantity of chemicals now being added to the cooling water), or in the location or volume of the discharge.
5. This Order expires on August 5, 1985. The discharger must file a Report of Waste Discharge in accordance with Title 23, Chapter 3, Subchapter 9, of the California Administrative Code not later than 180 days in advance of such expiration date as application for issuance of new waste discharge requirements.
6. In the event of any change in control or ownership of land or waste discharge facilities presently owned or controlled by the discharger, the discharger shall notify the succeeding owner or operator of the existence of this Order by a letter, a copy of which shall be forwarded to this Board.

I, Fred H. Dierker, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on August 5, 1980.

FRED H. DIERKER
Executive Officer

Attachments:

Figure A

Standard Provisions for Minor Dischargers 10/15/75

